

REMARKS

Claims 1-37 are pending in the application. Claims 1-6, 9-10, 13-14, 19-24, 27-28 and 31-33 are amended, and claims 15-18 and 34-37 are withdrawn with this response. The claim amendments made herein are not narrowing amendments, and no new matter is added.

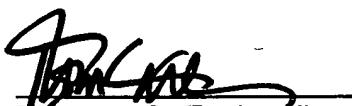
The Office Action dated April 8, 2005 indicates that claims 1-37 are subject to a restriction requirement, and requests election among claims drawn to a method and apparatus for processing a differential PAM signal (Group A: claims 1-14 and 19-33), and a method and apparatus for controlling a gain of a DSP (Group B: claims 15-18 and 34-37). ***Applicants hereby elect Group A corresponding to claims 1-14 and 19-33 without traverse.***

Should the Examiner feel that a telephone interview would be helpful to facilitate favorable prosecution of the above-identified application, the Examiner is invited to contact the undersigned at the telephone number provided below.

In addition, should any fees be due as a result of the filing of this response, the Commissioner is hereby authorized to charge the Deposit Account Number 50-1733, INFNP118US.

Respectfully submitted,
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By



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CERTIFICATE OF MAILING (37 CFR 1.8a)

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Assistant Commissioner for Patents, Washington, D.C. 20231.

Date: *May 12, 2005*

Christine Gillroy
Christine Gillroy